



Non-destructive Testing of Structures and Roads with the Georadar Method.

With the planning and quality assurance of construction or renovation measures on structures, cost estimation plays an increasingly important role. To minimize the costs it is necessary to be informed about the total activities planned for the proposed project as early as possible. Above all, the condition of the structure plays a role, that is to say, do damages already exist to the building or in the subsurface, therefore increasing the costs?

The radar method is a rapid and comprehensive process in which the subsurface of roads, rail tracks, dams etc. and the construction of bridges, buildings, and tunnels can be inspected by means of non-destructive testing.

Use cases.

Planning of construction measures

- Is the subsurface sustainable?
- Are there any wet areas?
- Are loose deposits or cavities to be expected?

Quality controls

- Are layer boundaries consistently available and in sufficient thickness?
- Reinforcement analysis / search for tendons
- Separation of the roadway / subsurface

Monitoring

- Surveying the progress of damage (optimal intervention threshold)

Our services.

- Detection of the construction and layer boundaries for rail, roads, dikes, tunnels, bridges, buildings
- Detection of objects and / or defects in the subsurface of rail, roads, dikes, tunnels, bridges, buildings, canal systems, sealed and unsealed surfaces
- Detection of roots
- Archaeological and forensic investigations

Your benefits.

- Non-destructive and continuous assessment of the subsurface
- Targeted demarcation of undisturbed and disturbed areas
- Definition of a targeted exploratory or drilling program
- No track or road closures necessary
- Necessary direct formations are only targeted at damaged areas when necessary
- Prioritization of construction operations

Your enquiry.

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- Yes, please send me further information on the topics:

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- Yes, I am interested. Please call me back.
- Yes, please send me information by e-mail.
- Yes, please inform me about similar offers by e-mail.

Always a good sign.



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